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SW Sparrold, JP Mills, DJ Knapp, KS Ellis, TA ... - Optical Engineering (Bellingham, Washington), 2006 - link.aip.org

... in Bethlehem, PA, where his activities include the development of high-performance optical systems, including **hyperspectral** imagers, optical interconnects, and ...[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

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JR Schwartz, J Kocjan, D Driscoll - Aerospace Conference, 2003. Proceedings. 2003 IEEE, 2003 - [ieeexplore.ieee.org](#)

... involves multiple FPAs, and equal number of **dispersive** elements (eg ... images down to a **slit** and the **slit** is reimaged ... Figure 6 - HYLITE IR **Hyperspectral** Instrument ...

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Calibration of a pushbroom hyperspectral imaging system for agricultural inspection - group of 3 »

KC Lawrence, B Park, WR Windham, C Mao - Trans. ASAE, 2003 - [asae.frymulti.com](#)

... IMAGING SYSTEM A **hyperspectral** imaging system ... mm entrance-slit width, an effect

slit length of ... was then screwed into a machined aluminum **housing**, which was ...

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... to have certain advantages over other **hyperspectral** technologies such as ... with 1X magnification from the **slit** to the ... and SWIR; therefore a single **housing** can be ...

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Characteristics and Capabilities of the Hyperspectral Imaging Microscope

W Overview - [ieeexplore.ieee.org](#)

... 4]. We have developed a prototype **Hyperspectral** Imaging Microscope ... Xenon arc lamp in the Olympus U-UHL **Housing**. ... pixel ± 0.0055 nm (Figure 1). The **slit**, with a ...

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KC Lawrence, B Park, WR Windham, C Mao - ASAE Meeting Paper No, 2001 - [asae.frymulti.com](#)

... Fixed to the **slit** end of the spectrograph/aluminum **housing** assembly is a ... For spectral calibration of the **hyperspectral** imaging system, an Optronic ...

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Performance characterization of the hyperion imaging spectrometer instrument - group of 8 »

L Liao, P Jarecke, D Gleichauf, T Hedman - PROC SPIE INT SOC OPT ENG, 2000 - [carstad.gsfc.nasa.gov](#)

... co-alignment; spectral wavelength calibration, spectrometer **slit** profile, and ... They are the Lewis **Hyperspectral** Imager for the NASA ... QTH Lamp **Housing** Light Pipe ...

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IMAGING FOURIER TRANSFORM SPECTROMETERS FOR ENVIRONMENTAL SENSING Leonard John Otten III, Associate ...

AD Meigs, S Scientist, BA Jones, S Designer, RG ... - [pdf.aiaa.org](#)

... applications '.In addition, several **hyperspectral** imaging sensors ... In a **dispersive** design, an improvement in spectral ... a narrowing of the entrance **slit** which in ...

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A VARIABLE-DISPERSION MICRO-SPECTROMETER

EA Shields - 2003 - ece.umn.edu

... & Niblack, 1987] and the **Hyperspectral** Digital Imagery ... As the **slit** width is increased the spatial ... across the **dispersive** element causes destructive interference ...[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)**Michael E. Schaepman Calibration of a Field Spectroradiometer**

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MA Cutter, LS Johns, DR Lobb, TL Williams, JJ ... - Proceedings of SPIE, 2003 - earth.esa.int

... will feed into the design decisions of **hyperspectral** systems for ... image of Earth onto the entrance **slit** of a ... close to the CCD within the spectrometer **housing**. ...[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)Google Result Page: [1](#) [2](#) [3](#) [Next](#) [Google Home](#) - [About Google](#) - [About Google Scholar](#)

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JM Harlander, FL Roesler, JG Cardon, CR Englert, ... - Appl. Opt, 2002 - OSA

... spectrom- eters that require a narrow **slit** to achieve high ... is a rigorous test of any **hyperspectral** imaging technology ... The cover plate of the **housing** unit also ...[Cited by 10](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**[BOOK] Further Developments in Scientific Optical Imaging - group of 3 »**MB Denton - 2000 - [books.google.com](#)... Detection of isolated Manmade Objects Using **Hyperspectral** Imagery ... from access ports on each side of the **housing**. ... closely, effectively scanning a **slit** across the ...[Related Articles](#) - [Web Search](#) - [Library Search](#)**MightySat II- On-orbit lab bench for Air Force Research Laboratory - group of 2 »**J Freeman, C Rudder, P Thomas - AIAA/USU Annual Conference on Small Satellites, 12 th, Utah ..., 2000 - [smallsat.org](#)... for the **hyperspectral** imager (HSI). ... HSI to use state-of-the-art Fourier Transform technique and may provide improvement over traditional **dispersive-** or grating ...[View as HTML](#) - [Web Search](#)**Near Infrared Spectrometer for the Near Earth Asteroid Rendezvous Mission - group of 4 »**

JW Warren, K Peacock, EH Darlington, SL Murchie, ... - Space Science Reviews, 1997 - Springer

... **Hyperspectral** image cubes are built up by a combination ... is actually mounted to the detector **housing** rather than ... The magnification from the entrance **slit** to the ...[Cited by 13](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Spectral Measurements Field Guide.

J Salisbury - 1998 - dpinstruments.com

... Together, overhead and ground-based measurements will promote the ultimate goal of **hyperspectral** remote sensing, which is the ability to identify unknown ...

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